17”[6] Multimedia Powerhouse

EVERYDAY PC PERFORMANCE

Experience the performance of the Intel® Pentium® Dual-Core T2390 processor (1.86GHz[1]) with 2GB of pre-installed system memory.

The VAIO® AR notebook comes pre-installed with Genuine Microsoft® Windows Vista® Home Premium.

Offering a massive boost in wireless connection speed and range, work and play quicker almost anywhere within your office or home using next-generation 802.11n integrated wireless LAN technology[3].

Store your favorite multimedia, important documents and cherished family photos on the 250GB[2] Serial ATA hard disk drive.

RICH MULTIMEDIA

Watch all of your favorite movies in stunning clarity on the 17”[6] widescreen display using XBRITE-ECO™ technology so you can see deeper blacks, brighter whites, true-to-life color and razor sharp detail from almost any angle.

Tackle virtually any graphics requirement with a NVIDA® GeForce® 8400M GT GPU graphics card with 256MB of dedicated video RAM.

An HDMI™ output delivers video and audio to external sources via a single cable so you can enjoy HD entertainment on your compatible big screen TV without a myriad of extra cables(HDMI™ cable sold separately).

ENDLESS FEATURES

Stay connected to colleagues, friends and family at the office or on-the-go with real-time video conferencing[4] using the integrated MOTION EYE® camera and microphone.

Whether it’s for YouTube, a company project or for sharing with family and friends, editing digital video captured by your Sony Handycam® is quick and easy with VAIO® Movie Story software. You choose the supplied template and professional-looking cutaways, cross-fades and soundtrack syncing are automatically done for you.

The VAIO® AR notebook is a multimedia powerhouse with a spacious 17”[6] widescreen display featuring XBRITE-ECO™ LCD technology and a built-in 1.3 megapixel camera and microphone for video chatting with family and friends[4]. Backed by an Intel® Pentium® Dual-Core processor, this blazing-fast, super-powerful notebook is the ultimate desktop replacement.

VGN-AR810E

VAIO® AR Series Notebook PC

Specifications

General

Computer Type: Notebook

Type of Use: High-performance Multimedia

Action Buttons: S1, S2, AV Mode, Volume-/+, Mute, Play/ Pause/ Stop, Eject, Fast Forward, Rewind, WLAN on/off

Pointing Device: Electro-Static touch pad

Hardware

Keyboard: QWERTY, 86 keys with 2.5mm stroke and 19.05mm pitch

Camera: Built-in 1.3 megapixel MOTION EYE® camera andmicrophone

Processor

Type: Intel® Pentium® 2 Dual-Core Processor T2390

Speed: 1.86GHz[1]

Front Side Bus Speed: 533MHz

L2 Cache: 1MB

Memory

Type: DDR2

Installed: 2GB PC2-4200 (1GBx2)

Maximum: 4GB[15]

Speed: 533MHz

Hard Drive

Capacity: 250GB[2]

Speed: 5400rpm

Interface: Serial ATA

Optical Drive #1

DVD+R DL Write: 4x max

DVD+R Write: 8x max

DVD+RW Write: 8x max

DVD-R Write: 8x max

DVD-RW Write: 6x max

CD-R Write: 24x max

CD-RW Write: 24x max

DVD±RW: Yes[5] (DVD±RW/±R DL/RAM Drive)

CD Read: 24x max

DVD Read: 8x max

DVD-RAM Write: 5x max

DVD-R DL Write: 4x max

DVD-RAM Read: 5x max

Expansion Slots

Multimedia Card Reader: One Memory Stick Duo™ media slot with MagicGate® functionalityOne ExpressCard® /54 slotOne Secure Digital (SD™ memory card) media slotOne PCMCIA - Type II/Type I card slot with CardBus support

Audio

Sound System: Intel® High Definition Audio

Display

Screen Size: 17.0"[6]

Resolution: 1440 x 900

XBRITE-ECO™ Technology: Yes

Technology: WXGA+ LCD

Graphics

Processor: NVIDIA® GeForce® 8400M GT GPU with Total Available Graphics Memory of 1023MB (max.)[10]

Video RAM: 256MB dedicated video RAM

Chipset: Mobile Intel® PM965 Express Chipset

Interface: HDMI™ , S-Video and VGA out with Smart Display Sensor

Inputs and Outputs

HDMI™ Connection Output(s): 1

Headphone Jack: 1

Modem Jack: 1

Microphone Input: 1

S-Video Output(s): 1

USB Port(s): 3 (2.0 compliant)

VGA Output(s): 1

DC-In: 1

i.LINK® Connection: 1 (4pin) i.LINK® connector (IEEE 1394)[9]

S/PDIF Output(s): 1

Ethernet Connection (s): 1

Networking/Modem

Ethernet Protocol: 10Base-T/100Base-TX/1000Base-T

Ethernet Speed: Fast Ethernet (RJ-45)

Modem Type: Integrated V.92/V.90 Modem (RJ-11)

Wireless LAN: Intel® PRO/Wireless 4965AGN Network Connection (802.11a/b/g/n)[3]

Power

Battery Type: Standard Capacity Lithium-ion Battery (VGP-BPS9B)

Estimated Battery Life: 1.5-2.5 hours[11] Standard Capacity Battery2.0-4.5 hours[11] Large Capacity Battery

Power Requirements: 150W + 10%

Software

Operating System: Genuine Microsoft® Windows Vista® Home Premium

Internet Services: AOL® 90-Day Risk Free Trial - New Users Only

Supplied Software: Microsoft® Works SE 9.0 w/ 60-Day Trial Version of Microsoft® Office Home and Student 2007[14]

Sony® Original Software: Click to Disc™ Editor - DVD CreationVAIO Movie Story - Movie CreationVAIO Music Box - Playlist Creation*Please access VAIO® Help and Support from your PC for a complete list of software applications and trials.

Security and Anti-Virus Software: Microsoft® Windows Live™ OneCare™ Trial Version

Service and Warranty Information

Telephone Support: 1 year toll-free technical telephone assistance, available 24/7[13]

Online and Email Support: Support available from http://www.esupport.sony.com/EN/VAIO

Limited Warranty Term: 1 year limited warranty[12] . See actual warranty for details.

Environmental Information

RoHS®: Certified

Dimensions

Weight: 8.3 lbs.[7] (with standard battery)

Measurements: 16.4"(W) x 1.32"(H) x 11.8"(D)[7,8]

Supplied Accessories

Standard Lithium-ion battery (VGP-BPS9/B)

AC Adapter (VGP-AC19V15)

Power Cable

Optional Accessories

Large Capacity Battery (VGP-BPL9)

Additional Standard Lithium-ion Battery (VGP-BPS9A/B)

USB Optical Mouse(VGP-UMS20/B)

All-in-one 2.1 Channel Speaker (VGP-SP100)

100GB[9] Portable Hard Drive with Wireless Keys (VGP-UHDM10/B)

Neoprene Notebook and AC Adapter Case (VGP-AMC2)

Universal Carrying Case (VGP-AMB1A)

Color: Glossy Piano Black

UPC Code: 027242739819

1. GHz denotes microprocessor internal clock speed; other factors may affect application performance. CPU speed will be reduced under certain operating conditions.
2. GB means one billion bytes when referring to hard drive capacity. Accessible capacity may vary. A portion of hard disk space is reserved as a recovery partition.
3. Requires 802.11n compatible access point. Some functionality may require Internet services, which may require a fee.
4. Broadband Internet service required along with third party services which may require a subscription or other service fee.
5. DVD media/formats are not universally compatible.
6. Viewable area measured diagonally.
7. Non-metric weights and measures are approximate and may vary.
8. Measured at the narrowest point
9. i.Link is a trademark of Sony used only to designate that a product contains an IEEE 1394 connector. All products with an i.LINK connector may not communicate with each other.
10. Total Available Graphics Memory refers to the new Windows Vista® classification of graphics memory, which is the total of Dedicated Video Memory, System Video Memory and Shared System Memory. Shared System Memory varies depending on the operating condition and system memory size.
11. Actual battery life will vary based on product settings, usage patterns, battery and environmental conditions.
12. See actual limited warranty for details. For a copy of Sony's warranty, please visit www.sony.com/pcsupport, call toll-free 888-476-6972 (888-4SONYPC) or write to Sony Electronics, 12451 Gateway Boulevard, Fort Myers, FL 33913.
13. For certain third party software applications, Sony provides first level phone support. Additional telephone support may be available from the applicable 3rd party vendor. Availability and schedule for any such support is determined by the aplicable software vendor.
14. 60-Day Trial Version of Microsoft® Office 2007 - This trial software will work only for 60 days after you first use it. You will not be able to use the software if you dont activate it as described the first time you use the software. You can activate the software by Internet: Internet service charges may apply. If you want to keep using the software after the 60-day trial period, you must convert to the perpetual version. You can convert online by following the conversion instgructions presented during setup and paying the required fees.
15. A portion of the system memory over 3GB may not be available to the operating system.

Computer Interface: The computer industry lacks standards, and therefore, there are a multitude of varying software packages and add-on hardware options. This personal computer is not manufactured to operate any specific software, and Sony does not and cannot make any warranty or representation with respect to the performance of this product with any particular software packages and/or non-Sony add-on hardware options except those mentioned in this document. Sony hereby disclaims any representations or warranty that this product is compatible with any combination of products you may choose to connect. While Sony representatives or Sony authorized dealers may be able to assist you and may make recommendations, they are NOT authorized to vary or waive this disclaimer. Purchasers must determine for themselves the suitability and compatibility of the hardware and software in each and every particular instance. Software titles pre-installed on the Sony Notebook Computer are subject to change without notice. Simulated graphic shown on display. Pre-installed software may not be identical to retail versions or have all documentation.
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